

17691 U.S. PTO  
06/20/03

PTO/SB/05 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032  
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	TI-35816
First Inventor	Yonghe Liu
Title	OPTIMAL POWER SAVING...
Express Mail Label No.	EV317554979US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages **46**]  
(preferred arrangement set forth below)
  - Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets **17**]
5. Oath or Declaration [Total Sheets **2**]
  - a.  Newly executed (original or copy)
  - b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
    - i.  **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:  
Commissioner for Patents  
Mail Stop Patent Application  
P.O. Box 1450  
Alexandria VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
  - a.  Computer Reader Form (CRF)
  - b. Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  Paper
  - c.  Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9.  Assignment Papers (cover sheet & document(s))
10.  37 CFR 3.73(b) Statement  Power of (when there is an assignee) Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure  Copies of IDS Statement (IDS)/PTO-1499 Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) (2) (Should be specifically itemized)
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: .....

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:

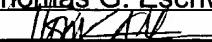
Continuation  Divisional  Continuation-in-part (CIP) of prior application No.: .....

Prior application information: Examiner \_\_\_\_\_ Art Unit: \_\_\_\_\_  
For CONTINUATION OF DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label **23494** OR  Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name	Tammy Williams, Esq.		
Address			
City	State	Zip Code	
Country	Telephone	(972) 917-5480	Fax (972)917-4418

Name (Print/Type)	Thomas G. Eschweiler	Registration No. (Attorney/Agent)	36.981
Signature		Date	6/20/03

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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17363 U.S. PTO  
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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 970.00)

## Complete if Known

Application Number	
Filing Date	
First Named Inventor	Yonghe Liu
Examiner Name	
Art Unit	
Attorney Docket No.	TI-35816

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account:

Deposit Account Number	20-0668
Deposit Account Name	TEXAS INSTRUMENTS INC.

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.
 

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1001	2001	750 Utility filing fee	750.00
1002	2002	330 Design filing fee	
1003	2003	520 Plant filing fee	
1004	2004	750 Reissue filing fee	
1005	2005	160 Provisional filing fee	
SUBTOTAL (1)		(\$ 750.00)	

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Extra Claims	Fee from below	Fee Paid
Fee Code (\$)	Fee Code (\$)		
30	-20** = 10	X 18.00	= 180.00
Independent Claims	2	- 3** = -	X 84.00 = -
Multiple Dependent			

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1202	2202	18 9 Claims in excess of 20	
1201	2201	84 42 Independent claims in excess of 3	
1203	2203	280 140 Multiple dependent claim, if not paid	
1204	2204	84 42 ** Reissue independent claims over original patent	
1205	2205	18 9 ** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$ 180.00)	

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)		
1051	2051	130 65 Surcharge - late filing fee or oath	
1052	2052	50 25 Surcharge - late provisional filing fee or cover sheet	
1053	1053	130 Non-English specification	
1812	1812	2,520 For filing a request for <i>ex parte</i> reexamination	
1804	1804	920* Requesting publication of SIR prior to Examiner action	
1805	1805	1,840* Requesting publication of SIR after Examiner action	
1251	2251	110 55 Extension for reply within first month	
1252	2252	410 205 Extension for reply within second month	
1253	2253	930 465 Extension for reply within third month	
1254	2254	1,450 725 Extension for reply within fourth month	
1255	2255	1,970 985 Extension for reply within fifth month	
1401	2401	320 160 Notice of Appeal	
1402	2402	320 160 Filing a brief in support of an appeal	
1403	2403	280 140 Request for oral hearing	
1451	1451	1,510 1,510 Petition to institute a public use proceeding	
1452	2452	110 55 Petition to revive - unavoidable	
1453	2453	1,300 650 Petition to revive - unintentional	
1501	2501	1,300 650 Utility issue fee (or reissue)	
1502	2502	470 235 Design issue fee	
1503	2503	630 315 Plant issue fee	
1460	1460	130 130 Petitions to the Commissioner	
1807	1807	50 50 Processing fee under 37 CFR 1.17(q)	
1806	1806	180 180 Submission of Information Disclosure Stmt	
8021	8021	40 40 Recording each patent assignment per property (times number of properties)	40.00
1809	2809	750 375 Filing a submission after final rejection (37 CFR 1.129(a))	
1810	2810	750 375 For each additional invention to be examined (37 CFR 1.129(b))	
1801	2801	750 375 Request for Continued Examination (RCE)	
1802	1802	900 900 Request for expedited examination of a design application	
Other fee (specify) _____			
*Reduced by Basic Filing Fee Paid			
SUBTOTAL (3) (\$ 40.00)			

## SUBMITTED BY

(Complete if applicable)

Name (Print/Type)	Thomas G. Eschweiler	Registration No. (Attorney/Agent)	36,981	Telephone (216) 502-0600
Signature		Date	6/29/03	

**WARNING: Information on this form may become public. Credit card information should not be included in this form. Provide credit card information and authorization on PTO-2038.**

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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